

WHAT IS CLAIMED IS:

1. An image sensing apparatus comprising an image sensing unit which converts an optical image of an object into an electric image signal, an interface 5 capable of communicating with an external processing apparatus, and a control unit which transfers said image signal to said external processing apparatus to process the same,

wherein said control unit comprises:

10 a determination unit which determines whether control relation between the image sensing apparatus and the external processing apparatus is a first type in which a memory in the image sensing apparatus can be accessed directly from said external processing

15 apparatus, or a second type in which processing in said external processing apparatus can be controlled by a controller of the image sensing apparatus, by communication with said external processing apparatus via said interface; and

20 a processing controller which changes a processing procedure for processing an image in said image sensing apparatus by said external processing apparatus based on the result of the determination.

25 2. The image sensing apparatus according to claim 1, wherein in the case where the control relation is said second type, the external processing apparatus is

controlled based on a predetermined file or command from said image sensing apparatus.

3. The image sensing apparatus according to claim 1,
5 wherein in the case where the control relation is said first type, a display unit of said image sensing apparatus is switched to an energy-saving mode.

4. The image sensing apparatus according to claim 1,
10 wherein in the case where the control relation is said first type, the processing of the image from said image sensing apparatus can be started based on an operation of a switch provided in the external processing apparatus.

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5. The image sensing apparatus according to claim 1,
wherein in the case where the control relation is said second type, the external processing apparatus can start the processing of the image from said image
20 sensing apparatus in response to an operation of a switch provided in the image sensing apparatus.

6. The image sensing apparatus according to claim 1,
wherein in the case where the control relation is said first type, the external processing apparatus comprises
25 a display unit which displays the image from said image sensing apparatus.

7. The image sensing apparatus according to claim 1,
wherein said external processing apparatus is a
printing apparatus, which prints the image from said
5 image sensing apparatus.

8. An processing apparatus communicating with an
image sensing apparatus which converts an optical image
of an object into an electric image signal and
10 comprises an interface capable of communicating with
the processing apparatus, comprising:

15 a determination unit which determines whether
control relation between the image sensing apparatus
and the processing apparatus is a first type in which a
memory in the image sensing apparatus can be accessed
directly from said processing apparatus, or a second
type in which processing in said processing apparatus
can be controlled by the image sensing apparatus, by
communication with said image sensing apparatus via
20 said interface; and

25 a processing controller which changes a processing
procedure for processing an image in said image sensing
apparatus by said processing apparatus based on the
result of the determination.

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9. The processing apparatus according to claim 8,
wherein in the case where the control relation is said

second type, said processing apparatus can be controlled based on a predetermined file or command from said image sensing apparatus.

5 10. The processing apparatus according to claim 8, wherein in the case where the control relation is said first type, the processing of the image from said image sensing apparatus can be started in response to an operation of a switch provided in said processing 10 apparatus.

11. The processing apparatus according to claim 8, wherein in the case where the control relation is said second type, said processing apparatus can start the 15 processing of the image from said image sensing apparatus by an operation of a switch provided in said image sensing apparatus.

12. The processing apparatus according to claim 8, 20 further comprising a display unit which displays the image from said image sensing apparatus.

13. The processing apparatus according to claim 8, wherein the processing apparatus prints the image from 25 said image sensing apparatus.

14. A control method for an image sensing apparatus comprising an image sensing unit which converts an optical image of an object into an electric image signal, an interface capable of communicating with an 5 external processing apparatus, and a control unit which transfers said image signal to said external processing apparatus to process the same, said control method comprising:

determining whether control relation between the 10 image sensing apparatus and the external processing apparatus is a first type in which a memory in the image sensing apparatus can be accessed directly from said external processing apparatus, or a second type in which processing in said external processing apparatus 15 can be controlled by a controller of the image sensing apparatus, by communication with said external processing apparatus via said interface; and

changing a processing procedure for processing an image in said image sensing apparatus by said external 20 processing apparatus based on the result of the determination.

15. The control method according to claim 14, wherein in the case where the control relation is said second 25 type, the external processing apparatus is controlled based on a predetermined file or command from said image sensing apparatus.

16. The control method according to claim 14, wherein
in the case where the control relation is said first
type, a display unit of the image sensing apparatus is
5 switched to an energy-saving mode.

17. The control method according to claim 14, wherein
in the case where the control relation is said first
type, the processing of the image from said image
10 sensing apparatus can be started in response to an
operation of a switch provided in the external
processing apparatus.

18. The control method according to claim 14, wherein
15 in the case where the control relation is said second
type, the external processing apparatus can start the
processing of the image from said image sensing
apparatus in response to an operation of a switch
provided in the image sensing apparatus.

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19. The control method according to claim 14, wherein
in the case where the control relation is said first
type, the external processing apparatus comprises a
display unit which displays the image from said image
25 sensing apparatus.

20. The control method according to claim 14, wherein said external processing apparatus is a printing apparatus, which prints the image from said image sensing apparatus.

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21. A control method for an processing apparatus communicating with an image sensing apparatus which converts an optical image of an object into an electric image signal and comprises an interface capable of 10 communicating with the processing apparatus, comprising:

20 determining whether control relation between the image sensing apparatus and the processing apparatus is a first type in which a memory in the image sensing apparatus can be accessed directly from said processing apparatus, or a second type in which processing in said processing apparatus can be controlled by the image sensing apparatus, by communication with said image sensing apparatus via said interface; and

25 changing a processing procedure for processing the image in said image sensing apparatus by said processing apparatus based on the result of the determination.

25 22. The control method according to claim 21, wherein in the case where the control relation is said second type, said processing apparatus can be controlled based

on a predetermined file or command from said image sensing apparatus.

23. The control method according to claim 21, wherein
5 in the case where the control relation is said first type, the processing of the image from said image sensing apparatus can be started in response to an operation of a switch provided in said processing apparatus.

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24. The control method according to claim 21, wherein in the case where the control relation is said second type, said processing apparatus can start the processing of the image from said image sensing apparatus in response to an operation of a switch provided in said image sensing apparatus.

25. The control method according to claim 21, wherein the image from said image sensing apparatus is printed.

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26. An image storage apparatus comprising a storage unit which stores an electric image signal, an interface capable of communicating with an external image processing apparatus, and a control unit which
25 transfers said image signal to said external image processing apparatus to process the same, wherein said control unit comprises:

a determination unit which determines whether
control relation between the image sensing apparatus
and the external image processing apparatus is a first
type in which said storage unit in the image storage
5 apparatus can be accessed directly from said external
image processing apparatus, or a second type in which
processing in said external image processing apparatus
can be controlled by a controller of the image storage
apparatus, by communication with said external image
10 processing apparatus via said interface; and

a processing controller which changes a processing
procedure for processing an image in said image storage
apparatus by said external image processing apparatus
based on the result of the determination.

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27. The image storage apparatus according to claim 26,
wherein in the case where the control relation is said
second type, the external image processing apparatus is
controlled based on a predetermined file or command
20 from said image storage apparatus.

28. The image storage apparatus according to claim 26,
wherein in the case where the control relation is said
first type, a display unit of said image storage
25 apparatus is switched to an energy-saving mode.

29. The image storage apparatus according to claim 26,
wherein in the case where the control relation is said
first type, the processing of the image from said image
storage apparatus can be started based on an operation
5 of a switch provided in the external image processing
apparatus.

30. The image storage apparatus according to claim 26,
wherein in the case where the control relation is said
10 second type, the external image processing apparatus
can start the processing of the image from said image
storage apparatus in response to an operation of a
switch provided in the image storage apparatus.

15 31. The image storage apparatus according to claim 26,
wherein in the case where the control relation is said
first type, the external image processing apparatus
comprises a display unit which displays the image from
said image storage apparatus.

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32. The image storage apparatus according to claim 26,
wherein said external image processing apparatus is a
printing apparatus, which prints the image from said
image storage apparatus.

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33. An image processing apparatus communicating with
an image storage apparatus which stores an electric

image signal and comprises an interface capable of communicating with the image processing apparatus, comprising:

- a determination unit which determines whether
- 5 control relation between the image storage apparatus and the image processing apparatus is a first type in which a memory in the image storage apparatus can be accessed directly from said image processing apparatus, or a second type in which processing in said image
- 10 processing apparatus can be controlled by the image storage apparatus, by communication with said image storage apparatus via said interface; and
- a processing controller which changes a processing procedure for processing an image in said image storage
- 15 apparatus by said image processing apparatus based on the result of the determination.

34. The image processing apparatus according to claim 33, wherein in the case where the control relation is

20 said second type, said image processing apparatus can be controlled based on a predetermined file or command from said image storage apparatus.

35. The image processing apparatus according to claim 33, wherein in the case where the control relation is

25 said first type, the processing of the image from said image storage apparatus can be started in response to

an operation of a switch provided in said image processing apparatus.

36. The image processing apparatus according to claim 5 33, wherein in the case where the control relation is said second type, said image processing apparatus can start the processing of the image from said image storage apparatus by an operation of a switch provided in said image storage apparatus.

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37. The image processing apparatus according to claim 33, further comprising a display unit which displays the image from said image storage apparatus.

15 38. The image processing apparatus according to claim 33, wherein the image processing apparatus prints the image from said image storage apparatus.

39. A control method for an image storage apparatus 20 comprising a storage unit which stores an electric image signal, an interface capable of communicating with an external image processing apparatus, and a control unit which transfers said image signal to said external image processing apparatus to process the same, 25 said method comprising:

determining whether control relation between the image storage apparatus and the external image

processing apparatus is a first type in which a memory in the image storage apparatus can be accessed directly from said external image processing apparatus, or a second type in which processing in said external image 5 processing apparatus can be controlled by a controller of the image storage apparatus, by communication with said external image processing apparatus via said interface; and

10 changing a processing procedure for processing an image in said image storage apparatus by said external image processing apparatus based on the result of the determination.

40. The control method according to claim 39, wherein 15 in the case where the control relation is said second type, the external image processing apparatus is controlled based on a predetermined file or command from said image storage apparatus.

20 41. The control method according to claim 39, wherein in the case where the control relation is said first type, a display unit of the image storage apparatus is switched to an energy-saving mode.

25 42. The control method according to claim 39, wherein in the case where the control relation is said first type, the processing of the image from said image

storage apparatus can be started in response to an operation of a switch provided in the external image processing apparatus.

5 43. The control method according to claim 39, wherein in the case where the control relation is said second type, the external image processing apparatus can start the processing of the image from said image storage apparatus in response to an operation of a switch
10 provided in the image storage apparatus.

44. The control method according to claim 39, wherein in the case where the control relation is said first type, the external image processing apparatus comprises
15 a display unit which displays the image from said image storage apparatus.

45. The control method according to claim 39, wherein said external image processing apparatus is a printing apparatus, which prints the image from said image
20 storage apparatus.

46. A control method for an image processing apparatus communicating with an image storage apparatus which
25 stores an electric image signal and comprises an interface capable of communicating with the image processing apparatus, said method comprising:

determining whether control relation between the image storage apparatus and the image processing apparatus is a first type in which a memory in the image storage apparatus can be accessed directly from 5 said image processing apparatus, or a second type in which processing in said image processing apparatus can be controlled by the image storage apparatus, by communication with said image storage apparatus via said interface; and

10 changing a processing procedure for processing the image in said image storage apparatus by said image processing apparatus based on the result of the determination.

15 47. The control method according to claim 46, wherein in the case where the control relation is said second type, said image processing apparatus can be controlled based on a predetermined file or command from said image storage apparatus.

20 48. The control method according to claim 46, wherein in the case where the control relation is said first type, the processing of the image from said image storage apparatus can be started in response to an 25 operation of a switch provided in said image processing apparatus.

49. The control method according to claim 46, wherein
in the case where the control relation is said second
type, said image processing apparatus can start the
processing of the image from said image storage
5 apparatus in response to an operation of a switch
provided in said image storage apparatus.

50. The control method according to claim 46, wherein
the image from said image storage apparatus is printed.

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51. A computer readable storage medium storing a
program for implementing the control method described
in claim 14.

15 52. A computer readable storage medium storing a
program for implementing the control method described
in claim 21.

20 53. A computer readable storage medium storing a
program for implementing the control method described
in claim 39.

25 54. A computer readable storage medium storing a
program for implementing the control method described
in claim 46.